

**Monday, November 13**

Time	Speaker	Title
8:45 AM	tba	Opening
9:00 AM	Aharony, Amnon	Breakdown of "phase rigidity" and variations of the Fano effect in closed Aharonov-Bohm interferometers
9:30 AM	Birge, Norman	Phase coherence of conduction electrons below the Kondo temperature
10:00 AM	Fazio, Rosario	Decoherence from engineered quantum baths
10:30 AM	Guyot-Sionnest, Philippe	Charging and magnetotransport of 3D films of colloidal semiconductor nanocrystals
11:00 AM	Break	
11:30 AM	Kiselev, Mikhail	Kondo Effect in Organometallic Complexes and Nanoelectromechanical Devices
12:00 PM	Martin, Ivar	Intermittent polaron dynamics: Born-Oppenheimer approximation out of equilibrium
12:30 PM	Simon, Pascal	Transport through a Kondo quantum dot with SU(4) entanglement
1:00 PM	Lunch	
3:00 PM	Spivak, Boris	Quantum superconductor-metal transition
3:30 PM	Gefen, Yuval	The Dilemma of Transmission Phase Lapses
4:00 PM	Finkelstein, Alexander	tba
4:30 PM	Break	
5:00 PM	Galperin, Michael	Inelastic effects in molecular junctions
5:30 PM	Glatz, Andreas	AC conductivity of disordered Luttinger liquids at finite temperatures

**Tuesday, November 14**

Time	Speaker	Title
9:00 AM	Bagrets, Dmitry	Current fluctuations in the vicinity of a superconducting phase transition
9:30 AM	Belzig, Wolfgang	Circuit theory of crossed Andreev reflection
10:00 AM	Bezryadin, Alexey	New phenomena in ultrashort superconducting nanowires templated by single molecules
10:30 AM	Bouzdin, Alex	Field induced $\pi$ -superconductivity with an enhanced paramagnetic limit in superconducting layered systems
11:00 AM	Break	
11:30 AM	Bulaevskii, Lev	Electromagnetic radiation from vortex flow in type-II superconductors
12:00 PM	Golubov, Alexander	Odd-frequency pairing in superconducting hybrid structures
12:30 PM	Kapitulnik, Aharon	High Resolution Polar Kerr Effect Measurements of $\text{Sr}_2\text{RuO}_4$ : Evidence for Broken Time Reversal Symmetry in the Superconducting State
1:00 PM	Lunch	
3:00 PM	Koshelev, Alexei	Magnetic oscillations in intrinsic Josephson-junction stacks
3:30 PM	Kozoub, Veniamin	Non-Gaussianity of current noise in hopping - conductors- effects of non-linearity and mesoscopicity
4:00 PM	Pistolessi, Fabio	Frequency dispersion of photon-assisted shot noise in mesoscopic conductors
4:30 PM	Break	
5:00 PM	Varlamov, Andrei	Fluctuations in 2D Josephson structures
5:30 PM	Gutman, Dima	Zero Bias Anomaly Out of Equilibrium

**Wednesday, November 15**

Time	Speaker	Title
9:00 AM	Bader, Sam	Metallic Lateral Spin Valves
9:30 AM	Entin-Wohlman, Ora	ac spin-Hall effect
10:00 AM	Chudnovsky, Eugene	Gyromagnetic Phenomena at the Nanoscale
10:30 AM	Girvin, Steven	Strong Coupling Cavity QED and Superconducting Qubits
11:00 AM	Break	
11:30 AM	Matveev, Kostantin	Asymmetric Zero-Bias Anomaly for Strongly Interacting Electrons in One Dimension
12:00 PM	Meyer, Julia	The transition from a one-dimensional to a quasi-one-dimensional state in interacting quantum wires
12:30 PM	Polyakov, Dmitrii	Transport of charge-density waves in the presence of disorder: Quantum localization vs classical pinning
1:00 PM	Lunch	
3:00 PM	Shekhter, Robert	Quantum nano-mechanics and single electron tunneling
3:30 PM	Shklovskii, Boris	Hopping conductivity of a suspension of nanowires in an insulator
4:00 PM	Pokrovskii, Valery	tba
4:30 PM	Isaacs, Eric	tba
5:00 PM	Break	
5:30 PM	Bhattacharya, Anand	Digital Synthesis of Manganites: An Example of Emergent Phases at Ordered Interfaces
6:00 PM	Zharov, Alexander	Phase slips in Narrow superconducting wires.

**Thursday, November 16**

Time	Speaker	Title
9:00 AM	Altland, Alexander	Low energy theory of disordered graphene
9:30 AM	Beloborodov, Igor	Superconductive Nanosolids
10:00 AM	Chandrasekhar, Venkat	On graphite/graphene devices
10:30 AM	Burin, Alex	Many electron theory of $1/f$ -noise in hopping conductivity
11:00 AM	Break	
11:30 AM	Goldman, Allen	Probable Observation of a Bose Insulator in Highly Disordered $\text{In}_2\text{O}_3$ Films
12:00 PM	Mirlin, Alexander	Electron transport in disordered graphene
12:30 PM	Novoselov, Kostya	QED in a Pencil Trace
1:00 PM	Lunch	
3:00 PM	Vlasko-Vlasov, Vitalii	On photonic crystals
3:30 PM	Jaeger, Heinrich	tba
4:00 PM	Millis, Andrew	tba